



## CITY OF SUGAR LAND

Engineering Department

**CIP Project Number:** ST0904

**Title:** Street Light Replacement

**Project Phase:** Construction

**% of Phase Completion**

**Construction**



**Cost for this Phase:** \$ 75,000

**Funding Sources:** General Revenue

**Project Manager:** David Worley

**Contractor:** Centerpoint Energy

**Consultant:** Centerpoint Energy

### **Project Description:**

The project will change out 30' cobra head street lights with 12' lamp post lights along arterial streets with high traffic volumes and heavy tree canopies which preclude the existing 30' street lights from functioning properly. Project will change out approximately 300 lights at a cost of approximately \$500 per light.

**Justification:** The Urban Beautification Policy update was approved by City Council on April 15, 2008. A component of the policy states that the City will work to change our 30' cobra head street lights to 12' lamp post lights where tree canopies negatively affected the performance of the existing cobra head light if funding is available to improve the street light system performance.

**Updates:** December 2008-Project funding not available in 1st qtr. Will move forward with street light replacement in February per PAYG schedule restrictions.

**March 23, 2009**

Staff is working with Center Point on a lighting design for the southern most portion of Dairy Ashford just north of U.S. 90A. Originally the plan was to light a section of Williams Trace which had similar tree / street light conflicts as does Dairy Ashford. However, Center Point has changed practice in terms of how they price street light replacement and the work now costs significantly more than we initially anticipated. Our anticipated costs were derived from the pilot project that was completed in 2008 on Lexington. Costs have gone up by more than %50 since that project.

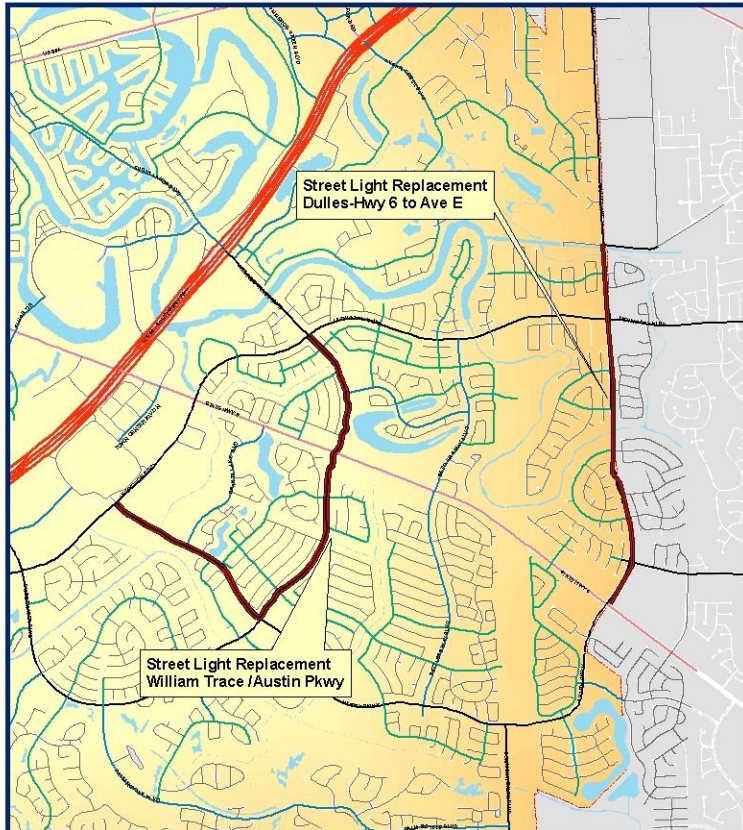
**April 2009:****July 2009-****August 2009-**

**September 2009-** Staff will implement portions of the projects identified in 2008 with the combined monies from the 2009 and 2010 streetlight CIP. The project locations are along the sections of Williams Trace and Dairy Ashford with heavy tree canopies. Center Point has been asked to revisit their proposals. It is anticipated that the revisions will be complete in October. Staff will request City council approval of the project if General revenue funding is available.

**October 2009 -****November 2009 –****December 2009 –**

**January 2010 –** Since the last update staff has completed one component of the program outlined in 2008 which is the installation of additional street lights on Dairy Ashford between U.S. 90A and U.S. 59. A meeting is scheduled for January 6, 2010 to meet with the new Center Point Street Light consultant about the program. You will recall that center Point changed their pricing structure in 2008 which essentially doubled the price of the lights selected for the program which are 12' lamp post style lights. This light was installed along Lexington Between S.H.6 and Williams Trace in 2008 as a pilot project. The objective will be to continue this type of program which lights areas with existing tree canopies throughout the community on an annual basis. We hope to negotiate a more favorable rate structure based on projected volume of lights to be installed. We will update with the results of the meeting.

**March 2010 –** The City has received the new pricing from Center Point Energy for the continuation of the project. Currently the budget will allow the City to update Williams Trace Blvd. from S.H.6 to Austin Parkway.



City of Sugar Land  
Capital Improvement Program

**ST0904**  
**Street Light Replacement**

